CLAIMS

What is claimed is:

1. A method of treating with oxybutynin a human subject having overactive bladder, while minimizing an anticholinergic or antimuscarinic adverse drug experience associated with said oxybutynin treatment therapy comprising the step of:

administering as a transdermal patch, a composition comprising oxybutynin to said subject for a duration of from about 24 to about 96 hours to provide a plasma area under the curve (AUC) ratio of oxybutynin to an oxybutynin metabolite of from about 0.5:1 to about 5:1, wherein the transdermal patch optionally includes a permeation enhancer.

2. A method of treating with oxybutynin a human subject having overactive bladder, while minimizing an anticholinergic or antimuscarinic adverse drug experience associated with said oxybutynin treatment therapy comprising the step of:

administering as a transdermal patch, a composition comprising oxybutynin to said subject for a duration of up to 96 hours to provide a plasma area under the curve (AUC) ratio of oxybutynin to an oxybutynin metabolite of from about 0.5:1 to about 5:1, wherein the transdermal patch optionally includes a permeation enhancer.

3. The method of either claim 1 or 2, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 1:1 to about 5:1.

4. The method of claim 3, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 0.8:1 to about 1.5:1.

5. The method of either claim 1 or 2, wherein the metabolite of oxybutynin is N-desethyloxybutynin.

6. The method of claim 5, wherein the N-desethyloxybutynin is (R)-N-desethyloxybutynin, (S)-N-desethyloxybutynin or a combination thereof.

7. The method of either claim 1 or 2, wherein the oxybutynin is a mixture of R-oxybutynin and S-oxybutynin.

8. The method of claim 8, wherein the oxybutynin is R-oxybutynin.

9. The method of either claim 1 or 2, wherein the duration of administration is between 72 and 96 hours.

10. The method of claim 9, wherein the duration of administration is 72 hours

11. The method of claim 9, wherein the duration of administration is 84 hours.

12. The method of claim 9, wherein the duration of administration is 96 hours.

13. An article of manufacture for transdermal application comprising:

a transdermal patch including a composition of oxybutynin and optionally a permeation enhancer for administration to a human subject, wherein the patch provides, upon administration to said subject for a duration of from about 24 to about 96 hours, a plasma AUC ratio of oxybutynin to an oxybutynin metabolite from about 0.5:1 to about 5:1, and wherein said patch minimizes an anticholinergic or antimuscarinic adverse drug experience associated with the administration of oxybutynin.

14. An article of manufacture for transdermal application comprising:

a transdermal patch including a composition of oxybutynin and optionally a permeation enhancer for administration to a human subject, wherein the patch provides, upon administration to said subject for a duration of up to 96 hours, a plasma AUC ratio of oxybutynin to an oxybutynin metabolite from about 0.5:1 to about 5:1, and wherein said patch minimizes an anticholinergic or antimuscarinic adverse drug experience associated with the administration of oxybutynin.

15. The article of manufacture of either claim 13 or 14, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 1:1 to about 5:1.

16. The article of manufacture of claim 15, wherein the AUC ratio of oxybutynin to an oxybutynin metabolite is from about 0.8:1 to about 1.5:1.

17. The article of manufacture of either claims 13 or 14, wherein the metabolite of oxybutynin is N-desethyloxybutynin.

18. The article of manufacture of claim 17, wherein the N-desethyloxybutynin is (R)-N-desethyloxybutynin, (S)-N-desethyloxybutynin or a combination thereof.

19. The article of manufacture of either claim 13 or 14, wherein the oxybutynin is a mixture of R-oxybutynin and S-oxybutynin.

20. The article of manufacture of claim 19, wherein the oxybutynin is R-oxybutynin.

21. The article of manufacture of either claim 13 or 14, wherein the duration of administration is between 72 and 96 hours.

22. The article of manufacture of claim 21, wherein the duration of administration is 72 hours.

23. The article of manufacture of claim 21, wherein the duration of administration is 84 hours.

24. The article of manufacture of claim 21, wherein the duration of administration is 96 hours.